

#### **Unit - IV: International Monetary System:**

Rise and fall of gold standard and Bretton-Woods system; Need, adequacy and determinants of International reserves; Conditionality clause of IMF; Role of International Finance agencies (IMF, IBRD and ADB) in solving International liquidity problem.

#### **Text Books:**

1. Kindleberger, C.P. (1973), International economics, R.D.Irwin, Homewoor.
2. Salvalore, D. (1997), International Economics, prentice hall, Upper Saddle River, N.J. New York.
3. Soderston B.O. (1991), International Economics, The Macmillan Press Ltd., London.

#### **Suggested reading:**

1. Bhagwati, J. (Ed) (1998), International Trade, Selected Readings Cambridge, University Presses Massachusetts, USA.
2. Chachliadas, M. (1990), International Trade: Theory and Policy, McGraw Hill, Kogakusha, Japan.
3. Francis Cherunilam (2008) International Economics, Mc Graw Hill Publishers, New Delhi.

### **SEMESTER- IV COURSE- III: ENVIRONMENTAL ECONOMICS**

<b>Teaching hours per week</b>	<b>Credits</b>	<b>Internal marks</b>	<b>SEM End/ External Marks</b>	<b>Max. Marks</b>
<b>6</b>	<b>4</b>	<b>25</b>	<b>75</b>	<b>100</b>

#### **Course outcome:**

This course exposes students to the application of economic analysis to the management of environmental and natural resources. It provides the student an opportunity to consider the role of economic theory in understanding and solving environmental and resource problems and discuss the empirical examinations of the theory. Policy implications will be addressed with particular attention to the analysis of practical applications of the theories in different social, economic and political environments. A key assessment component will involve students in undertaking a practical analysis of a resource or environmental policy of relevant to themselves or their country of origin.



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## **Unit - I: Environmental Ecology and Economy:**

Environment and Economy - Elements of Ecology-Energy Flow; Pollution and Externalities-Market Inefficiency and Externalities - Property Rights and Externalities - Common Property Rights.

Concept of Total Economic Value - Objective standard based valuation-Selective Preference based valuation- Indirect Methods of Environmental Valuation; travel Cost Method, - Direct Methods of Environmental Valuation; Contingent Valuation Methods.

## **Unit - II: The theory of Environmental policy:**

Environmental externalities-Pigouvian taxes and subsidies, marketable pollution permits and mixed instruments (the charges and standards approach), Coase's bargaining solution and collective action, Environmental institutions and grass root movements, Global environmental externalities and climatic change.

## **Unit-III:**

### **Economics of Natural Resource Management and Sustainable Development:**


Theories of optimal use of exhaustible and renewable resources; Environment and development trade off and the concept of Sustainable. Development; Rules of Sustainable Development- Indicators of sustainable development.

## **Unit - IV: Environmental and Natural resource Problems in India:**

Mechanism for environment regulation in India; Environmental laws and their implementation-Policy instruments for controlling water and air pollution-Forestry policy; People's participation in the management of common and forest lands- The institutions of joint forest management and the joint protected area management.

## **Text Books:**

1. Bhattacharya, R. N, (2001): Environmental Economics –an indian perspective, Oxford University Press, New Delhi.
2. Sanker.U. (Ed),(2001): Environmental Economics, Oxford University Press, New Delhi.
3. Karpagam.M (2007): Environmental Economics, Sterling publishers Pvt.Ltd, New Delhi.

  
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### Suggested reading:

1. Ashwani Mahajan (2000): Environmental Economics, publisher: Centrum press, Bloomberg.
2. Dr. K.V. Pavithran (2008): Environmental Economics, publisher: New Age International (p) ltd, New Delhi.
3. M. L. Jhingan, Chandar K Sharma (2009): Environmental Economics, Vrinda publications, New Delhi.

### SEMESTER- IV COURSE- IV (ELECTIVE): DEMOGRAPHY

Teaching hours per week	Credits	Internal marks	SEM End/ External Marks	Max. Marks
6	4	25	75	100


### Course Outcome

This course provides students with knowledge and skills to analyze the demographic composition of population as well as the causes and consequences of population change. The emphasis is placed on conducting trend analysis and examining the relationships between social, economic, and demographic trends, by utilization of Statistics India information and Indian Census Statistics. The demographic applications used in research studies for descriptive and analytical purposes are explored.

### Learning Outcomes:

Upon the completion of this course, the student will have the ability:

1. To identify, access and interpret socio-demographic and economic data.
2. To analyze the demographic characteristics of a given population.
3. To present the socio-demographic trends and current composition of the Indian population.
4. To explain the causes and consequences of changing demographic structure of the world and its impact on India.
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